



PATENT

Attorney Docket No.: 2880(203-3440)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): David S. Keppel Examiner: Roy D. Gibson
Serial No.: 10/728,212 Group: Art Unit 3739
Filed: December 4, 2003 Dated: October 21, 2005
For: CIRCUIT FOR CONTROLLING ARC ENERGY
FROM AN ELECTROSURGICAL GENERATOR
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the U.S. patent documents are not provided in accordance with the waiver of that requirement under 37 C.F.R. §1.98.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

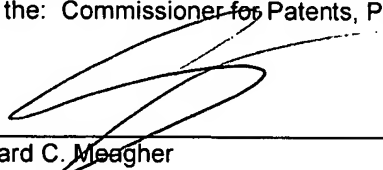
10/25/2005 LWONDIH1 00000025 210550 10728212

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 21, 2005

Dated: October 21, 2005


Edward C. Meagher

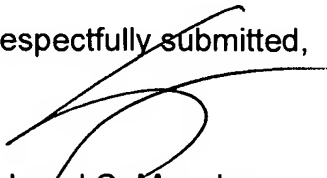
The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

- ☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application.
- ☐ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☐ Enclosed herewith is a certificate under 37 C.F.R. §1.97(e)(1).
- ☐ Enclosed herewith is a petition under 37 C.F.R. §1.97(d)(2).
- ☐ Enclosed by check is the petition fee of \$130.00. (37 C.F.R. §1.17(i)(1))
- ☐ Please charge the \$130.00 petition fee to Deposit Account No. **21-0550**.
- ☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. §1.17(p).
- ☒ Please charge the \$180.00 fee required by 37 C.F.R. §1.17(p) to Deposit Account No. **21-0550**.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment

of such fee(s) to Deposit Account 21-0550. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 21-0550 therefor.

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

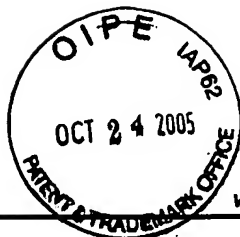
Respectfully submitted,



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ECM/gm



without references

Sheet

1 of

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional) 2880(203-3440)	Application Number 10/728,212
	Applicant David S. Keppel	
	Filing Date December 4, 2003	Group Art Number 3739

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	4,848,335	7/18/89	Manes			
	5,019,176	5/2891	Brandhorst, Jr.			
	5,087,257	2/11/92	Farin			
	5,108,391	4/28/92	Flachenecker			
	5,162,217	11/10/92	Hartman			
	5,196,008	3/23/93	Kuenecke			
	5,267,997	12/7/93	Farin			
	5,300,070	4/5/94	Gentelia			
	5,383,874	1/24/95	Jackson			
	5,409,485	4/25/95	Suda			
	5,432,459	7/11/95	Thompson			
	5,436,566	7/25/95	Thompson			
	5,445,635	8/29/95	Denen			
	5,540,683	7/30/96	Ichikawa			
	5,558,671	9/24/96	Yates			
	5,573,533	11/12/96	Strul			
	5,647,869	7/15/97	Goble			
	5,647,871	7/15/97	Levine			
	5,722,975	3/3/98	Edwards			
	5,755,715	5/26/98	Stern			
	5,769,847	6/23/98	Panescu			
	5,797,802	8/25/98	Nowak			
	5,830,212	11/3/98	Cartmell			
	5,836,990	11/17/98	Li			
	5,931,836	8/3/99	Hatta			

Examiner	Date Considered
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)
2880(203-3440)Application Number
10/728,212Applicant
David S. KeppelFiling Date
December 4, 2003Group Art Number
3739**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	5,951,545	9/14/99	Schilling			
	6,063,075	5/16/00	Mihori			
	6,113,596	9/5/00	Hoooven			
	6,228,081	5/8/01	Goble			
	6,231,569	5/15/01	Bek			
	6,238,388	5/29/01	Ellman			
	6,245,065	6/12/01	Panescu			
	6,261,285	7/17/01	Novak			
	6,273,886	8/14/01	Edwards			
	6,275,786	8/14/01	Daners			
	6,293,941	9/25/01	Strul			
	6,309,386	10/30/01	Bek			
	6,338,657	1/15/02	Harper et al.			
	6,358,245	3/19/02	Edwards			
	6,398,779	6/4/02	Buyse			
	6,458,121	10/1/02	Rosenstock			
	6,464,689	10/15/02	Qin			
	6,464,696	10/15/02	Oyama			
	6,508,815	1/21/03	Strul			
	6,547,786	4/15/03	Goble			
	6,562,037	5/13/03	Paton			
	6,623,423	9/23/03	Sakurai			
	6,635,057	10/21/03	Harano			
	6,648,883	11/18/03	Francischelli			
	6,652,514	11/25/03	Ellman			
	6,663,624	12/16/03	Edwards			

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	6,666,860	12/23/03	Takahashi			
	6,679,875	1/20/04	Honda			
	6,685,700	2/3/04	Behl			
	6,692,489	2/17/04	Heim			
	6,712,813	3/30/04	Ellman			
	6,730,080	5/4/04	Harano			
	6,733,495	5/11/04	Bek			
	6,733,498	5/11/04	Paton			
	6,740,079	5/25/04	Eggers			
	6,740,085	5/25/04	Hareyama			
	6,783,523	8/31/04	Qin			
	6,790,206	9/14/04	Panescu			
	6,796,981	9/28/04	Wham			
	6,824,539	11/30/04	Novak			
	6,830,569	12/14/04	Thompson			
	6,843,789	1/18/05	Goble			
	6,849,073	2/1/05	Hoey			
	6,855,141	2/15/05	Lovewell			
	6,855,142	2/15/05	Harano			
	6,860,881	3/1/05	Sturm			
	6,864,686	3/8/05	Novak			
	6,875,210	4/5/05	Refior			
	6,893,435	5/17/05	Roane			

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U.S. PUBLISHED PATENT APPLICATION DOCUMENTS

Examine Initial	Document Number	Publication Date	Name	Class	Subclass	Filing Date if Appropriate
	US2002/0035364 A1	3/21/02	Schoenman et al.			
	US2002/0068932 A1	6/6/02	Edwards			
	US2002/0193787 A1	12/19/02	Qin			
	US2003/0078572 A1	4/24/03	Pearson et al.			
	US2003/0153908 A1	8/14/03	Goble			
	US2003/0163123 A1	8/28/03	Goble			
	US2003/0163124 A1	08/28/03	Goble			
	US2003/0171745 A1	09/11/03	Francischelli			
	US2003/0199863 A1	10/23/03	Swanson			
	US2003/0060818 A1	03/27/03	Kannenbergh			
	US2004/0002745 A1	1/1/04	Flemming			
	US2004/0019347 A1	1/29/04	Sakurai			
	US2004/0024395 A1	2/5/04	Ellman			
	US2004/0030328 A1	2/12/04	Eggers			
	US2004/0044339 A1	3/4/04	Beller			
	US2004/0049179 A1	3/11/04	Francischelli			
	US2004/0054365 A1	3/18/04	Goble			
	US2004/0068304 A1	4/8/04	Paton			
	US2004/0082946 A1	4/29/04	Malis			
	US2004/0097912 A1	5/20/04	Gonnering			
	US2004/0097914 A1	5/20/04	Pantera			
	US2004/0097915 A1	5/20/04	Refior			
	US2004/0116919 A1	6/17/04	Heim			
	US2004/0133189 A1	7/8/04	Sakurai			

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Applicant
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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		EP836,868		EP				
		EP878,169		EP				
		EP1293171	Mar. 2003	EP				
		DE19717411 A1		DE				
		WO 03/092520	Nov. 2003	PCT				
		WO 05/060365	Nov. 2003	PCT				

OTHER DOCUMENTS

	International Search Report - PCT/US03/37110
	International Search Report - PCT/US03/37310
	International Search Report - EP4009964
	International Search Report - EP98300964.8
	International Search Report - EP04015981.6
	Chicharo et al. "A Sliding Goertzel Algorithm" August 1996, pgs. 283-297
	SIGNAL PROCESSING, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL vol. 52 no. 3
	Ogden "Goertzel Alternative to the Fourier Transform: June 1993 pgs. 485-487
	ELECTRONICS WORLD; REED BUSINESS PUBLISHING, SUTTON, SURREY, BG vol. 99, no 9. 1687

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